

# NIOSH PPT / NPPTL

## Vision & Mission

The **VISION** is to be the leading provider of quality, relevant, and timely PPT research, training, and evaluation.

The **MISSION** of the PPT program is to prevent work-related injury, illness and death by advancing the state of knowledge and application of personal protective technologies (PPT).



# National Institute for Occupational Safety and Health (NIOSH)



## PPT Program National Personal Protective Technology Laboratory (NPPTL) Stakeholder Meeting



## Wrap Up

March 3, 2009



# Stakeholder Meeting Objective

To facilitate stakeholder communications by:

- Sharing project information
- Encouraging information exchange
- Obtaining program input
- Requesting program / meeting evaluation

# Meeting Format

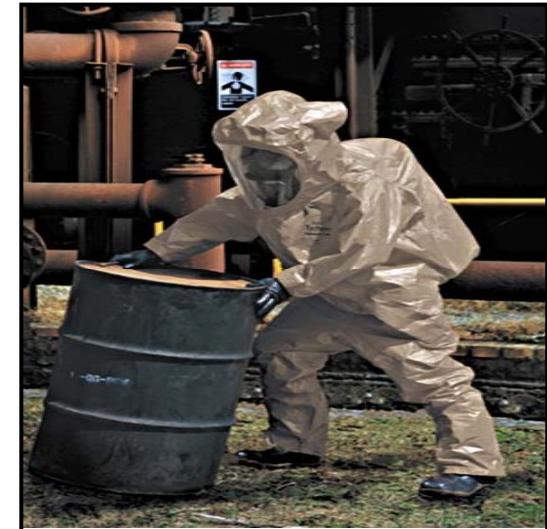
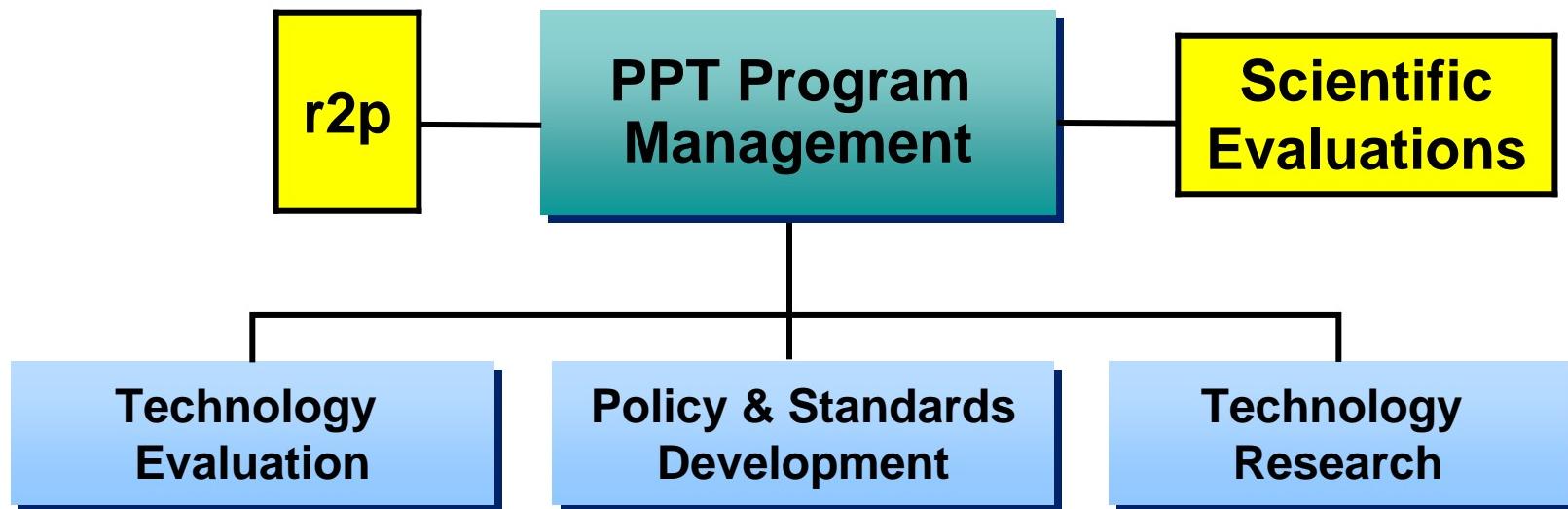
- Presentations / Posters
  - NIOSH Divisions / Labs
  - Extramural Research
- Participants
  - 150 (approximate) Registered to Attend
  - 34 Live Link Registrants
    - Europe
    - South America

# PPT Program Goals, Actions & Tactics

# PPT Program Goals / Actions / Tactics

- Strategic Goal 1
  - **Reduce Exposure to Inhalation Hazards**
- Strategic Goal 2
  - **Reduce Exposure to Dermal Hazards**
- Strategic Goal 3
  - **Reduce Exposure to Injury Hazards**
- Intermediate Goals and Actions with each Strategic Goal
- Tactics
  - Scientific Program & Project Evaluations
  - r2p → communications & outreach
  - Comprehensive research
  - PPT standards development
  - Respirator certification and PPT evaluation activities

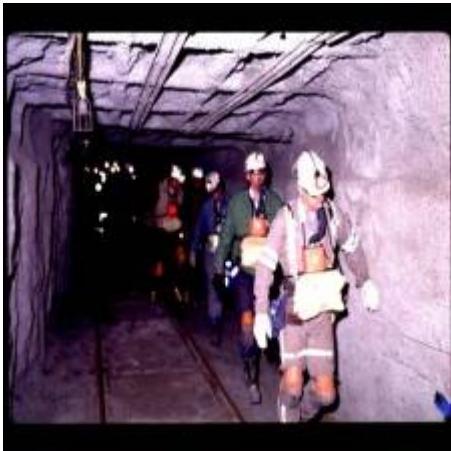
# PPT Program Activities



# PPT Program Projects

# NIOSH PPT/NPPTL Program

## *Value added Services: Relevance and Impact*



### Mine Escape:

- Technology Workshops
- Respirator Research
  - Docking / Hybrid
- Escape Respirator Std.
- Respirator Field Eval.
- Refuge Chamber Eval.
- Respirator Certification
- MSHA Collaboration



### Nanotechnology:

- Research
  - Respirator Filtration
  - Protective Clothing
- Workplace Guidance
- Respirator Certification
- OSHA Collaboration

### CBRN (Terrorism):

- CBRN PPT Research
  - Threat Analysis
  - CWA Agent Testing
  - CWA Agent Simulant
  - Turnout Gear
- Respirator Standards
- Respirator Certification
- Ensemble Guidance
- OSHA Collaboration



### Pandemic:

- Research
- National Academies Studies
- Standards
  - Total Inward Leakage
- Respirator Certification
- OSHA / FDA Collaboration



# PPT Program Evaluation

# **CONGRESSIONAL CHARTER FOR THE NATIONAL ACADEMY OF SCIENCES**

**... the Academy shall, whenever called upon by any department of the Government, investigate, examine, experiment, and report upon any subject of science or art**

...

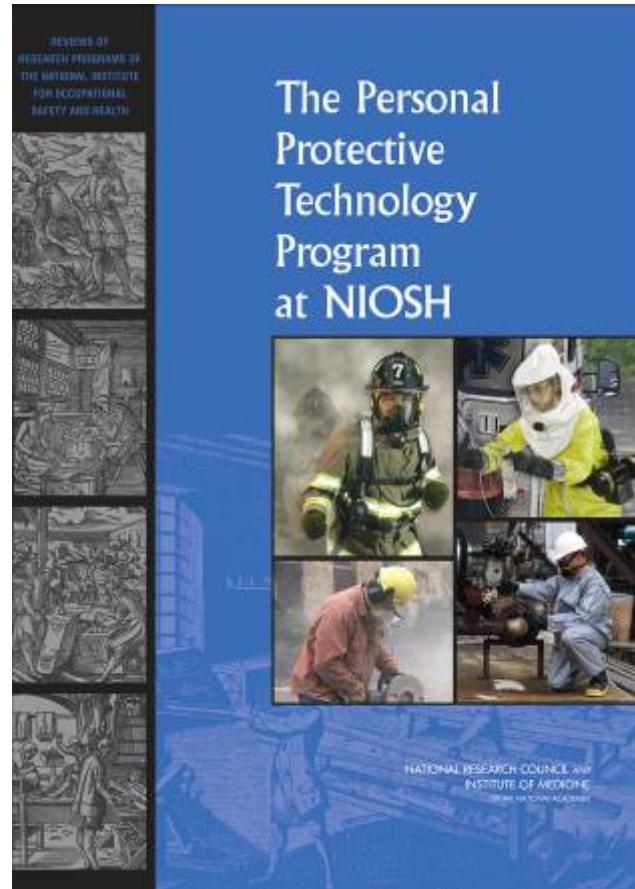
*Approved, March 3, 1863.*

*ABRAHAM LINCOLN, President.*

# National Academies Evaluation

## *The Personal Protective Technology Program*

- Quantitative Results
- Program Relevance & Program Impact
- Program Recommendations



## PPT Program Relevance

**Score = 4**

**PPT program is working in priority areas and is engaged in transferring its research into improved products and processes.**

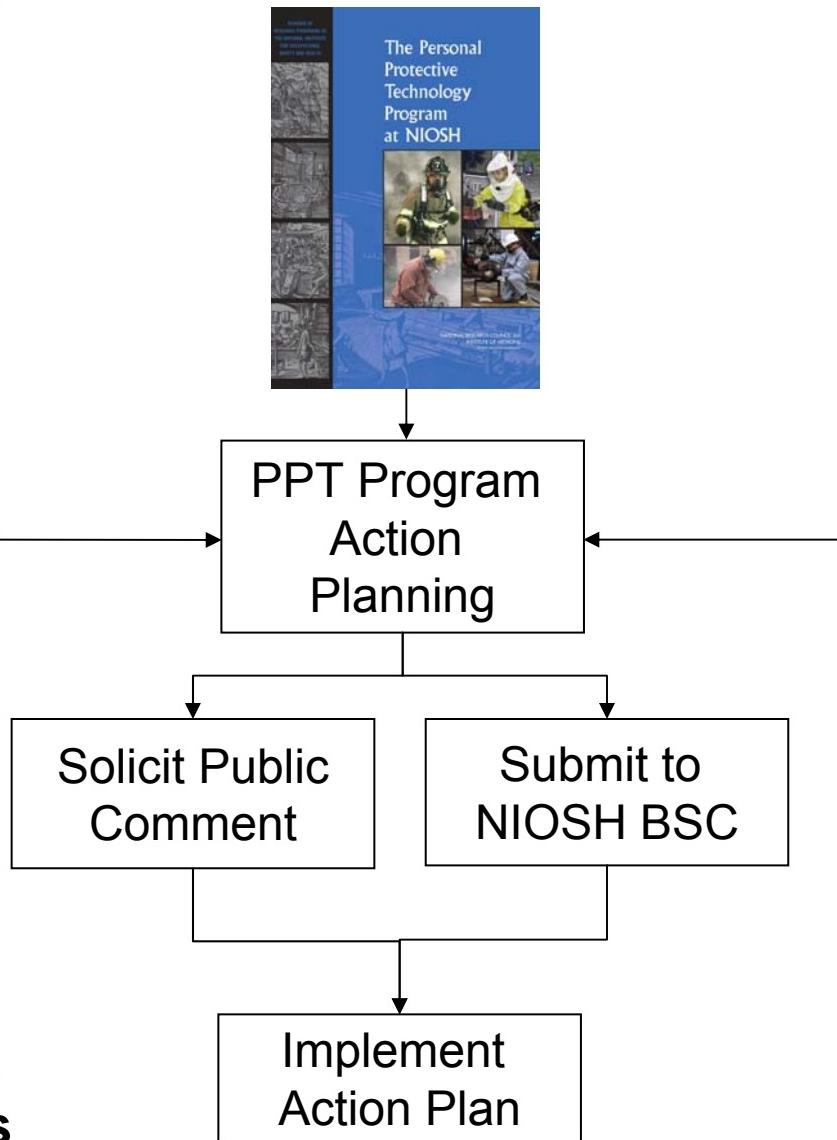
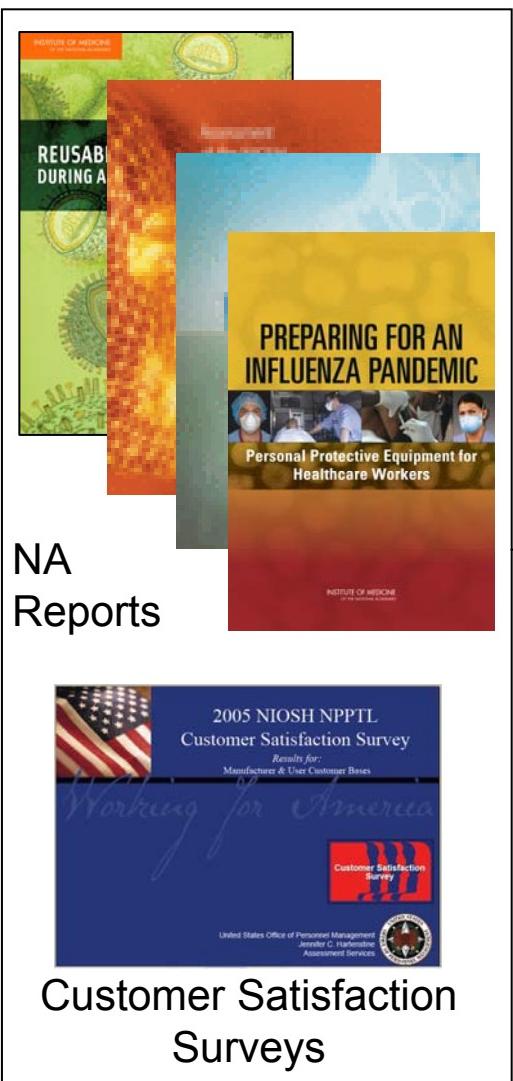
## PPT Program Impact

**Score = 4**

**The PPT program has made some meaningful contributions to both intermediate outcomes and, to a lesser extent, end outcomes.**

## Five Recommendations for Consideration

# PPT Program Approach to Address the Recommendations



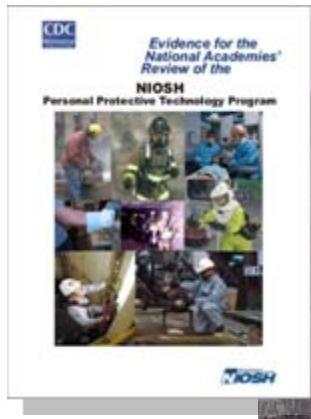
Domestic Chemical Defense Implementation Plan (HSPD-22)

Mine Improvement and New Emergency Response Act of 2006 (MINER Act)

**External Inputs**

# Walking the walk...

## Develop the Plan



## Build the Foundation



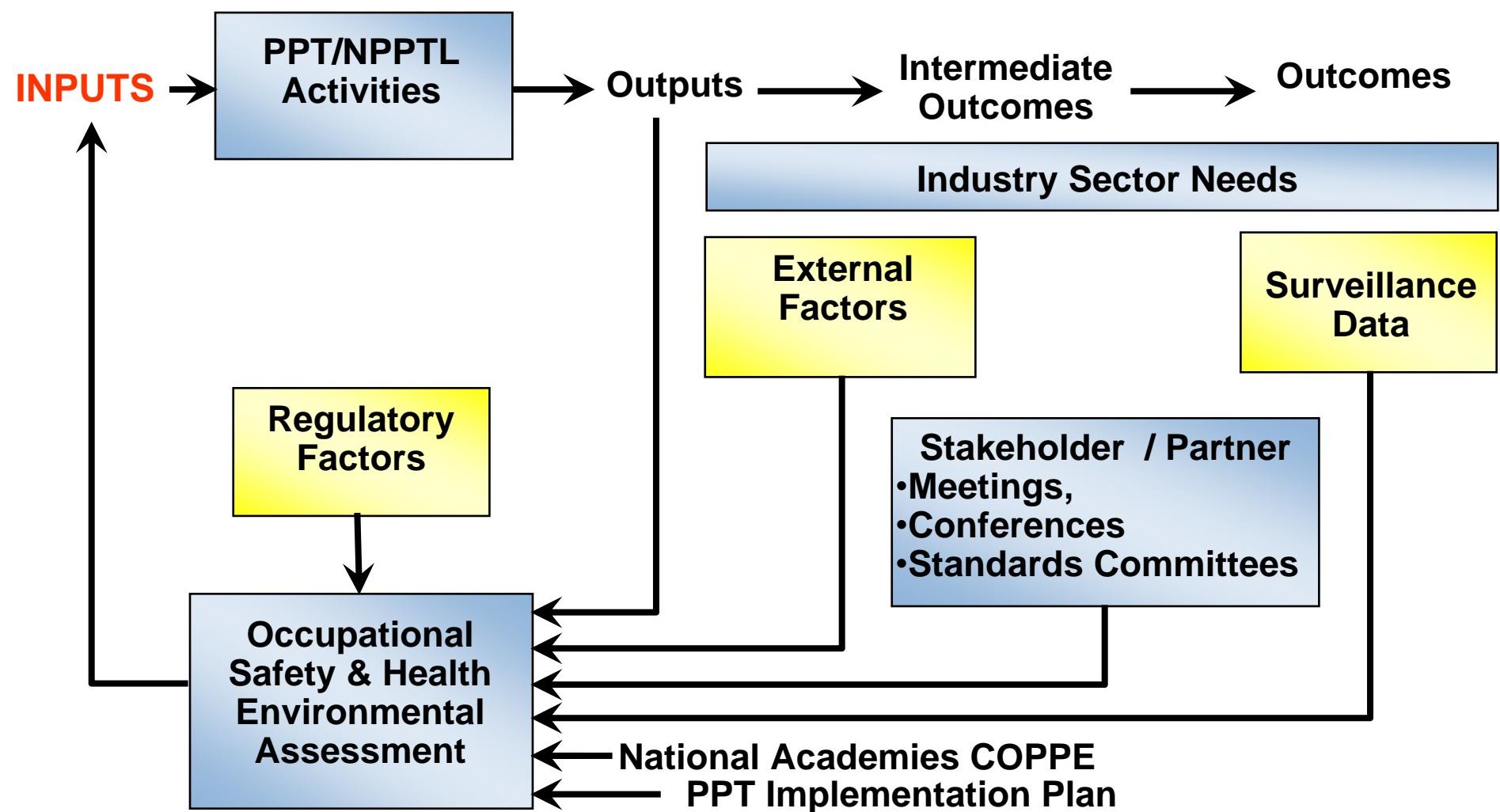
## Implement the Plan



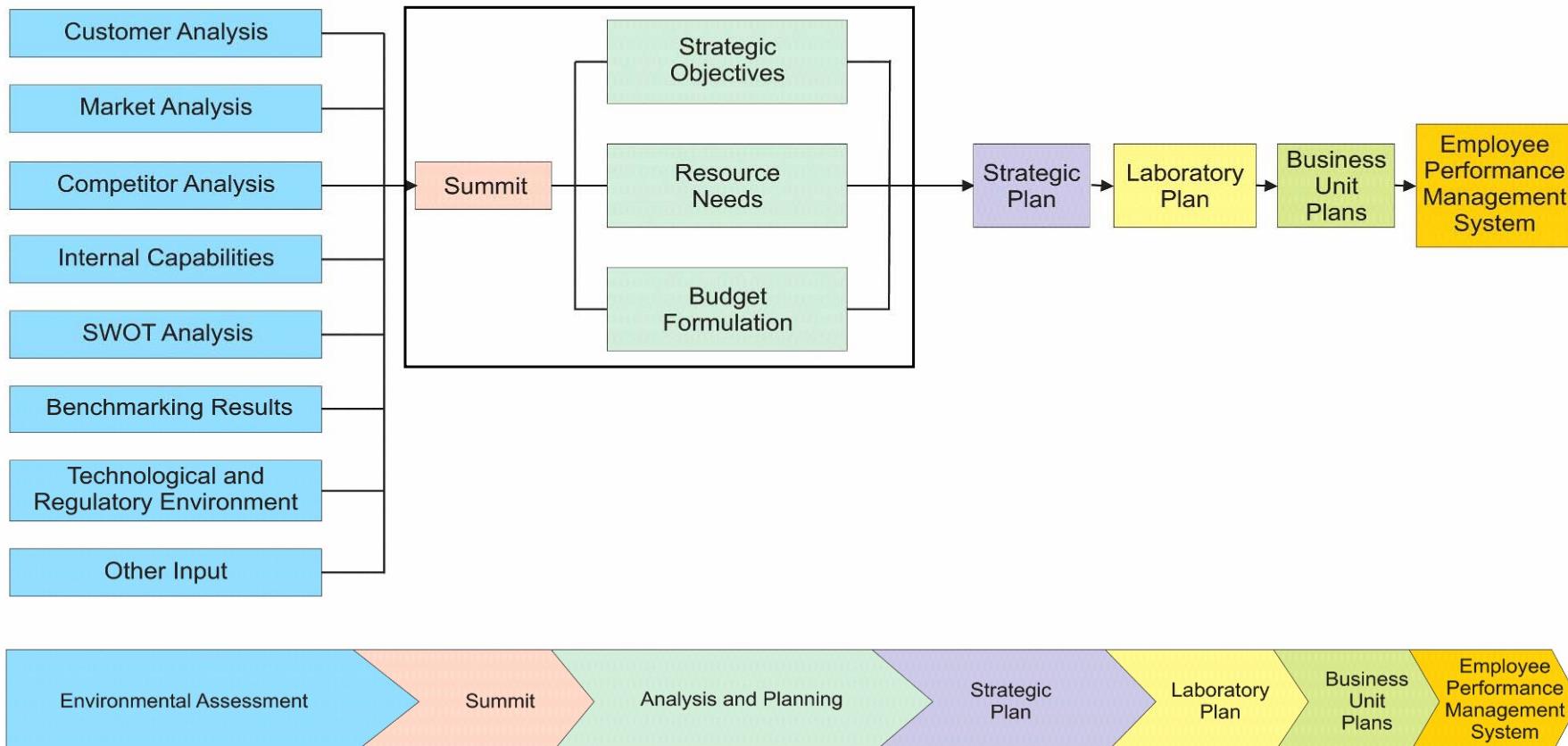
# PPT Program

# Strategic Planning

PPT/NPPTL  
Environmental Assessment → Program Inputs



# PPT Program Annual Strategic Planning Process



Achieving Performance Excellence (APEX)

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# Meeting Evaluation

Please complete the meeting survey questionnaire to help us improve our services to better meet your needs and expectations in the future.

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Live Meeting participants:

Please reply back by emailing it to  
[NPPTLEvents@cdc.gov](mailto:NPPTLEvents@cdc.gov)

You may also Fax the information to  
412-386-4915 or 412-386-6716.

# NIOSH PPT / NPPTL Program



Visit Us at: <http://www.cdc.gov/niosh/npptl/default.html>

*Disclaimer: The findings and conclusions in this presentation have not been formally disseminated by the National Institute for Occupational Safety and Health and should not be construed to represent any agency determination or policy.*

Thank you